

Access DB# 181725

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Pinchus Laufer
Art Unit: 2100 Phone Number 272-3599
Mail Box Location: 1C81

Examiner #: 73139 Date: 3/08/06
Serial Number: 10/606,362 ✓
Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation

~~6,253,321~~

6,253,221

Inventor : Young-Chul Kim

O.G. Date: November 16, 2004

STAFF USE ONLY

Searcher: Shirelle Green

Searcher Phone #: 571-272-3487

Searcher Location: 4B28

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Searcher Prep & Review Time: _____

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Type of Search

Sequence (#) _____

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Litigation ☒

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STN

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Dr.Link _____

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Sequence Systems _____

WWW/Internet

Other (specify) Courtlink 20.00

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6253221

Link to Claims Section

June 26, 2001

Character display apparatus and method for a digital versatile disc

REISSUE: June 26, 2003 - Reissue Application filed Ex. Gp.: 2176; Re. S.N. 10/606,362 (O.G. November 16, 2004)

INVENTOR: Kim, Young-Chul - Seoul, South Korea (KR)

APPL-NO: 878600 (08)

FILED-DATE: June 19, 1997

GRANTED-DATE: June 26, 2001

PRIORITY: June 21, 1996 - 9622891, South Korea (KR)

ASSIGNEE-AT-ISSUE: LG Electronics Inc., Seoul, South Korea (KR), 03

ASSIGNEE-AFTER-ISSUE: September 19, 1997 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., LG ELECTRONICS INC. 20 YOIDO-DONG, YOUNGDUNGPO-KU SEOUL KOREA, REPUBLIC OF, Reel and Frame Number: 08805/0487

ENGLISH-ABST:

This invention relates to a character display apparatus and method for a DVD (Digital Versatile Disc) player. According to the present invention, it is provided that font data of at least some of multi-languages to be used in multilingual subtitle processing are recorded on certain area(s) of a DVD, the recorded font data are stored in a font memory at initial stage of playback, the stored font data corresponding to a language selected by selection input of a user are then read, characters for subtitle processing of the selected language are displayed. Therefore, the manufacturing cost of DVD players can be reduced due to the reduction of memory capacity required and DVDs can be maximum efficiently utilized.

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?us6253221/pn

** SS 1: Results 1

Search statement 2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
PN - US6253221 B1 20010626 [US6253221]
TI - (B1) Character display apparatus and method for a digital versatile disc
PA - (B1) LG ELECTRONICS INC (US)
PA0 - LG Electronics Inc., Seoul [KR]
IN - (B1) KIM YOUNG-CHUL (KR)
AP - US87860097 19970619 [1997US-0878600]
PR - KR9622891 19960621 [1996KR-0022891]
IC - (B1) G06F-015/00
EC - G09G-005/22A2
- H04N-009/82N6D
ICO - S11B-007/00E
- T04N-005/445C
- T04N-005/445F4
PCL - ORIGINAL (O) : 715536000
DT - Basic
CT - US5251293; US5767845
- IntermediaWorld, '96 showcases future home theater experience through the introduction of digital video discs (DVD), PR Newswire, pp. 1-2, Feb. 1996.
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - This invention relates to a character display apparatus and method for a DVD (Digital Versatile Disc) player. According to the present invention, it is provided that font data of at least some of multi-languages to be used in multilingual subtitle processing are recorded on certain area(s) of a DVD, the recorded font data are stored in a font memory at initial stage of playback, the stored font data corresponding to a language selected by selection input of a user are then read, characters for subtitle processing of the selected language are displayed. Therefore, the manufacturing cost of DVD players can be reduced due to the reduction of memory capacity required and DVDs can be maximum efficiently utilized.
UP - 2001-27

1/1 LGST - (C) EPO
PN - US6253221 B1 20010626 [US6253221]
AP - US87860097 19970619 [1997US-0878600]
ACT - 20041116 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030626
UP - 2004-47

1/1 CRXX - (C) CLAIMS/RRX
PN - 6,253,221 A 20010626 [US6253221]
PA - LG Electronics Inc KR
ACT - 20030626 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20041116
REISSUE REQUEST NUMBER: 10/606362
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2176

Reissue Patent Number: